

Dalton-in-Furness
Urban Sanitary District.

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR

THE YEAR 1911.

DALTON-IN-FURNESS :

T. C. HOSKINS, PRINTER AND STATIONER.

—
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ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

Dalton-in-Furness Urban District, 1911.

To the Chairman and Members of the Dalton-in-Furness Urban District Council.

GENTLEMEN,

It is again my duty, in accordance with the regulations of the Local Government Board, to present to you my Annual Report, which deals with the sanitary condition of your district.

INSPECTION OF THE DISTRICT.—Your district is subject to regular systematic inspection, and in cases of emergency, such as the outbreak of any of the infectious diseases, special inspections and investigations are made both by your Inspector and myself.

SANITARY CONDITION AND PROGRESS.—WATER SUPPLY.—I think it is quite safe to preface my remarks upon the condition of the water supply by saying that it has generally been quite satisfactory both as to quality and quantity. Throughout the very dry season which was experienced last Spring and Summer, little restriction was put upon the use of water.

TYTHEBARN, DENDRON COTTAGES AND GREEN LANES.

I ventured to express the hope last year at this time, that the day was not far distant when it would be found practicable to extend the mains for the supply of the above properties, but up to the present nothing has been done, negotiations, however, have been entered into with the Barrow Corporation, who are the undertakers, for the extension of the mains, and I am still sanguine that before the end of the present year the work may have been carried out.

The pressure of water is considerably lessened in the Dalton District, on account of the head of pressure being broken at the service reservoir in Hoghouse Brow, and the Council has asked the Barrow Corporation to abandon this reservoir, and serve the town direct from the main reservoir at Poaka Beck.

With a view to improving the pressure of water in the Newton District, a 6 in. branch has been laid from the main in Market Street, Dalton, in substitution of the old 3 in. branch.

Some complaints are still received as to the condition of the water supplied to Askam.

NEW STREETS.—Very little progress has been made in the completion of those streets which are still undedicated, and this delay has been due, in the main, to the fact that the apportionments of those streets recently made under the Private Street Works Act, had not been settled. But as the final apportionments have now been arranged, there can be nothing to prevent the Council completing the remaining undedicated streets. I would, once more, urge in the interest of the Public Health, that this work should receive the earliest possible attention.

SEWERAGE AND DRAINAGE.—I mentioned in my report for the year 1910, that a 12 in. cast iron sewer had been laid from the manhole at the junction of Fell Croft and Beech Hill to the 36 in. storm overflow sewer in Market Street, with the result that in time of flood the sewers of this part of the town have been considerably relieved.

With a view to still further lessening the amount of storm water in the sewers, it has been decided to construct 9 in. and 6 in. storm sewers, to take the flood water from the playgrounds of the Chapel Street and Broughton Road Council Schools.

During the Summer months the sewers and gullies were regularly flushed and disinfected.

EXCREMENT AND REFUSE DISPOSAL.—From a perusal of the Inspector's summary, it will be seen that the work of excrement and refuse removal is carried out most efficiently and with regularity; every care being taken to avoid the accumulation of large quantities of decaying animal and vegetable matter in the vicinity of dwellings. It is regrettable, in this connection, to have to say that the Council will shortly be obliged to find another dépôt for the disposal of the town's refuse, in substitution of the one at Tytup Farm, which was in every way satisfactory, and would have served its purpose for many years.

SLAUGHTER HOUSES.—There are nine registered Slaughter Houses in the district, and these have entailed no less than 413 visits of inspection, so that this branch of the Inspector's work is efficiently carried out. No great fault can be found with the way the slaughter houses are kept, but I found it necessary to have notices served upon the owners to make improvements to the one in Beckside Road, and also the one in back Cleater Street. In the former case the work has been satisfactorily carried out, and in the latter the necessary work has been placed in the Contractor's hands.

CONVERSION OF PRIVIES INTO W.C.'S.—Again I must draw attention to the Inspector's summary to show that this very important work is making fair progress; though at the present rate, it must be years before the whole of the old insanitary abominations are removed, and we can never say that our district is in a satisfactory sanitary condition until the very last privy has been converted into a W.C.

DAIRIES AND COWSHEDS—The Dairies and Cowsheds in the district are regularly and systematically inspected, and although there may be some little improvement in their condition, I am afraid we can have little hope of any great change for the better until the Legislature issue definite regulations for our guidance, and invest us with the power to enforce such regulations. It is all very well to give Sanitary Authorities a Model Code of byelaws, but it is hopeless to expect these to be followed in a district where vested interests are of paramount importance.

The average Farmer and Cowkeeper still labours under the impression that to keep his cows in good milk they must be housed in an atmosphere that absolutely reeks with foul gases, never giving themselves time to think that cows housed in clean, well ventilated, well lighted shippings, must give the most and the best milk, simply because their general health is safeguarded by their sanitary surroundings.

OFFENSIVE TRADES.—There is only one trade which is scheduled under this heading, viz., that of a Tripe Boiler, and the business is carried on upon premises which are subject to regular inspection, and always found to be kept in good order.

MEAT INSPECTION.—A great deal of the Inspector's time is absorbed by attention to the inspection of meat in preparation for food, and from his summary it will be seen that 2,600 pounds of meat, 1,588 pounds of offal, 172 pounds of fish and 67 pounds of fruit have been condemned.

DISINFECTING APPARATUS.—The Council has not, so far, seen the necessity for the installation of an up-to-date disinfecting apparatus, and I am bound to say, that although such an apparatus might be, under exceptional circumstances, of value, as a general rule it would seldom be brought into use. Disinfection is at the present time carried out by the fumigation and spraying of infected articles, which are, as far as possible, exposed to the action of the disinfecting agent, and I cannot see why this should not be all that is necessary.

BAKEHOUSES.—The bakehouses have been the subject of regular inspection, and have been kept in good order. Two new and large brick bakehouses have been erected; one in Tudor Square, Dalton, and the other in Chapel Street, Dalton. Both bakehouses are fitted with the most modern appliances.

FACTORY AND WORKSHOPS ACT.—The Factories, Workshops and Workplaces are kept under constant supervision.

VITAL STATISTICS.

POPULATION.—The decennial census of the population was taken in April last, and I believe I shall be correct when I say, that of all the towns in England, Dalton, or the Dalton Urban District, showed the greatest decrease in its population, and this is shown in the tables which I append hereto.

CENSUS 1911, OF DALTON-IN-FURNESS—CIVIL PARISH & URBAN DISTRICT.

Ward.	HOUSES.			POPULATION.			CENSUS 1901.			DECREASE.		
	Inhabited.	Un'habited.	Building.	Total.	Persons.	Males.	Females.	Census with Census of 1901.	P'pulati'n	Houses.	P'pulati'n	
2483	278	2	2763	10765	5351	5414	5414			2763	222	25
East ...	176	21	—	197	813	436	377	932	932	—	—	119
North ...	611	91	—	702	2840	1444	1396	706	3348	—	4	508
South ...	838	91	—	929	3497	1712	1785	938	4173	—	9	676
Central ..	858	75	2	935	3615	1759	1856	956	4567	—	21	952
Total ...	2483	278	2	10765	5351	5414	5414	2822	13020	59	—	2255

Statement showing average number of persons to each Inhabited House.

Inhabited House.

CENSUS 1911.

Ward.	Inhabited Houses.	Population.	Average per House.	CENSUS 1901.	
				Inhabited Houses.	Population.
East	176	813	4·62	198	932
North	611	2840	4·65	677	3348
South	838	3497	4·17	887	4173
Central	858	3615	4·21	916	4567
Total	2483	10765	4·33	2678	13020
					4·86

The natural increase of population during the intercensal period, that is, the increase of births over deaths, has been 1545, and this I show in the table herewith.

	Births.	Deaths.	Natural Increase.
1901	413	220	193
1902	408	230	178
1903	377	185	192
1904	359	161	198
1905	334	180	154
1906	308	202	106
1907	314	198	116
1908	334	180	154
1909	300	168	132
1910	275	153	122
	3422	1877	1545

The decrease in the population must therefore be due to emigration from the district to South Africa and other of our Colonies, and also to the fact that many men, who, on account of the comparative failure of the mines in recent years, have had to find work in the neighbouring town of Barrow-in-Furness, and have found it more convenient to take their families to reside there.

The population of the three divisions into which the district is divided is as follows :—

	1901.	1911.
Dalton and Newton	8921	7289
Lindal and Marton	893	782
Askam and Ireleth	3206	2694
Totals	13020	10765

BIRTHS.—I find that during the year 1911, there have been 283 births registered, which is equal to a birth-rate of 26·2 per 1000, in the year 1910 there were 275 births, giving a birth-rate of 24·0 per 1000.

DISTRIBUTION OF THE BIRTHS.—

	1911.	1910.		
	Births.	Birth-rate.	Births.	Birth-rate.
Dalton and Newton	186	25·5	193	24·4
Lindal and Marton	20	24·6	15	19·9
Askam and Ireleth	77	28·5	67	24·0
	283	26·2	275	24·0

		1911.	1910.
In the first quarter of the year, there were		71	64
,, second	,,	66	76
,, third	,,	74	67
,, fourth	,,	72	68
		<hr/>	<hr/>
Totals		283	275

MALE AND FEMALE BIRTHS.—There were 148 Male Children born, and 135 Females.

DEATHS.—During the past year, I find that there have been 185 deaths recorded, the death-rate being equal to 17·1 per 1,000. In 1910, there were 153 deaths, equal to a death-rate of 13·3 per 1,000.

The deaths have been distributed as follows :—

	1911.			1910.
	Deaths.	Death-rate.	Deaths.	Death-rate.
Dalton and Newton	123	16·8	108	13·7
Lindal and Marton	21	25·8	9	11·9
Askam and Ireleth	41	15·2	36	12·9
	<hr/>	<hr/>	<hr/>	<hr/>
	185	17·1	153	13·3

	1911.	1910.
In the first quarter of the year, there were	52	48
,, second	45	24
,, third	50	42
,, fourth	38	39
	<hr/>	<hr/>
Total	185	153

MALE AND FEMALE DEATHS.—There were 117 deaths in Males, and 68 in Females.

From the above tables it will be observed that there has been an increase of 32 in the number of deaths recorded, 15 in the Dalton and Newton district, 12 in the Lindal and Marton district, and 5 in the Askam and Ireleth district. In proportion to the respective population of the three districts, the increase is most marked in the Lindal and Marton district.

INFANTILE DEATHS.—In infants under one year of age, there have been 34 deaths, which is equal to an infantile death-rate of 120·1 per 1000 births; in the year 1910 there were 30 deaths at this age period, and the infantile death-rate was 109·0 per 1,000 births.

These deaths were distributed in the several districts as follows—

	1911.	1910.		
	Infantile Deaths.	Infantile Death-rate.	Infantile Deaths.	Infantile Death-rate.
Dalton and Newton	16	86.0	22	113.9
Lindal and Marton	11	55.0	1	66.6
Askam and Ireleth	7	90.9	7	104.4
	34	120.1	30	109.0

The infantile death-rate has been excessively large in the Lindal and Marton district, but the deaths have not been due to any specific or avoidable causes.

In persons over 65 years of age, there have been 67 deaths, as compared with 45 in the year 1910.

DISEASES OF THE RESPIRATORY ORGANS.—Under diseases of this class, we include Bronchitis, Pneumonia, and Pleurisy, Phthisis or Consumption, though a disease of the respiratory organs being taken under a separate heading. I find that there have been 20 deaths from Bronchitis, 16 from Pneumonia, and these have been distributed as under:—

	1911.	1910.
	Percentage to Deaths from all causes.	Percentage to Deaths from all causes.
Deaths.		
Dalton and Newton	25	20.0
Lindal and Marton	5	23.8
Askam and Ireleth	6	14.6
	36	19.4
	21	19.4
	2	22.2
	6	16.6
	29	18.8

PHTHISIS.—From Phthisis or Consumption of the Lungs, there have been 11 deaths, exactly the same number as last year, and these have been distributed as follows:—

	Deaths.	Percentage to Deaths from all causes.
Dalton and Newton	7	5.6
Lindal and Marton	1	4.7
Askam and Ireleth	3	7.3
	11	5.9

CAUSES OF DEATH.—

	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	
Measles ...	...	1	9	—	—	9	—	—	3	3	1
Diphtheria ...	...	3	1	1	1	—	9	14	4	2	2
Scarlet Fever ...	...	—	—	—	—	—	4	1	2	—	1
Whooping Cough ...	4	—	—	—	10	1	3	1	2	2	2
Influenza ...	...	2	—	2	5	5	1	4	2	2	9
Diarrhœa ...	...	10	8	4	12	2	18	3	5	10	—
Enteritis ...	...	—	—	—	—	—	—	—	—	1	1
Phthisis ...	...	11	11	20	11	15	15	22	16	20	19
Erysipelas ...	...	2	1	—	1	—	—	1	—	—	—
Tuberculosis ...	...	3	6	8	9	4	10	6	4	11	7
Typhoid Fever ...	...	1	1	—	2	—	—	—	—	—	—
Cancer ...	...	10	7	12	11	6	9	8	6	6	19
Bronchitis ...	...	20	15	18	22	24	16	16	21	21	27
Pneumonia ...	...	16	13	16	10	16	15	11	15	9	14
Pleurisy ...	...	—	1	1	—	—	—	—	—	—	—
Alcoholism ...	...	1	—	—	—	—	—	—	—	—	—
Cirrhosis of Liver ...	1	3	1	1	—	—	—	—	1	2	—
Heart Disease ...	—	10	9	18	11	20	11	7	13	25	—
Premature Birth ...	6	2	8	5	8	7	7	5	7	11	—
Child Birth ...	4	1	—	2	1	1	1	3	2	2	—
Accidents ...	3	5	2	6	1	1	4	1	1	7	—
Venereal Disease ...	—	—	—	1	—	—	1	—	—	—	—
Suicide ...	...	3	—	1	1	—	2	—	1	2	1
Puerperal Fever ...	—	1	—	—	11	—	—	1	2	—	—
Rheumatic Fever ...	1	1	—	—	1	1	—	—	2	2	—
Septic Diseases ...	—	1	—	—	—	—	2	—	1	—	—
All other Diseases	83	56	65	62	84	72	69	63	68	91	—
Totals	185	153	166	180	198	202	184	161	185	230	—

ZYMOTIC DEATHS.—There have been 19 deaths from diseases of this type, equal to a death-rate of 1·75 per 1000; in the year 1910, there was exactly the same number of Zymotic deaths, and the death-rate per 1000 then was 1·66,

DISTRIBUTION OF DEATHS FROM ZYMIC DISEASES.—

	Dalton and Newton.	Lindal and Marton.	Askam and Ireleth	Totals.
Diphtheria ...	3	—	—	3
Whooping Cough	2	2	—	4
Diarrhoea ...	6	2	2	10
Measles ...	—	—	1	1
Typhoid Fever ...	1	—	—	1
Scarlet Fever ...	—	—	—	—
	12	4	3	19
Rate per 1000	1.64	4.92	1.11	1.76
„ „ in 1910	1.77	1.32	1.43	.43

NOTIFICATION OF INFECTIOUS DISEASES.—During the year 1911, 41 certificates notifying cases of infectious diseases were received, and these reports have come from the different parts of the district, as per table below.

	Scarlet Fever.	Typhoid Fever.	Diphth- eria.	Erysip- elas.	Puerperal Fever.	
Dalton and Newton	16	1	3	6	2	28
Lindal and Marton	1	—	—	1	—	2
Askam and Ireleth	6	2	2	1	—	11
Totals	23	3	5	8	2	41
Totals for 1910	24	3	3	11	1	42

I give herewith a table showing the number of cases of infectious disease notified since the year 1896.

	Scarlet Fever.	Diph- theria.	Typhoid Fever.	Erysip- elas.	Small Pox.	Puerperal Fever.	Totals.
1896	96	—	10	21	11	1	69
1897	17	6	18	16	—	—	57
1898	12	6	19	7	—	—	45
1899	57	6	27	16	—	—	106
1900	57	2	23	14	—	3	97
1901	10	3	16	17	—	1	56
1902	83	8	3	17	—	—	116
1903	68	3	7	15	—	—	106
1904	99	13	7	13	—	1	133
1905	43	97	1	27	—	1	159
1906	141	34	7	15	—	1	205
1907	10	2	2	17	—	2	33
1908	3	2	6	5	—	1	17
1909	17	3	—	8	—	—	28
1910	24	3	3	11	—	1	42
1911	23	5	3	8	—	2	41

TYPHOID FEVER.—It will be noted from the above that only three cases of Typhoid Fever have been reported—two of these were members of the same family, living at Askam, and children of the man who died from the disease at the Sanatorium in November, 1910. As I said, in reporting upon this case, the sanitary conditions were very unsatisfactory.

SCARLET FEVER.—There was never any severe prevalence of Scarlet Fever in the district during the year. We seemed to be threatened with an epidemic during the latter part of March and the beginning of April, but I am pleased to say that it never reached alarming dimensions.

DIPHTHERIA.—There have only been five cases of Diphtheria reported during the year.

As in previous years, I feel that I owe a debt of gratitude to my colleagues for their co-operation and assistance, and I take this opportunity of tendering them my hearty thanks.

I am, Gentlemen,

Yours obediently,

G. H. PATTERSON,

L.R.C.P., LOND., M.R.C.S., ENG., D.P.H., LOND.,

Medical Officer of Health.

February 20th, 1912.

To the Chairman and Members of the Dalton-in-Furness Urban District Council.

GENTLEMEN,

I beg to submit my Annual Report of the work carried out in the Sanitary Department for the year 1911.

ABATEMENT OF NUISANCES.—122 informal notices have been given to affect the abatement of nuisances in all parts of the district, which represents 176 premises. In all cases the necessary works have been specified in detail. Of the notices issued, 15 have not been attended to, and are for the most part notices given for the conversion of privies to W.C's. Some have since been placed in the Contractors hands, and will be attended to as soon as the weather becomes more favourable for carrying out such work. The others will require the service of the statutory notice, though this course is not to be approved, as we have found that by allowing a little time, the work has been eventually done, more sanitary improvements are carried out by dealing with the responsible persons in a kindly manner, and this course is to be preferred, and not so conducive to arouse owners indignation. It is not in many instances that they raise an objection to the work being done so much as to be called upon to effect improvements at a great cost, when they are not in a financial position to do so.

COMPLAINTS.—73 complaints have been received during the year. Premises were visited immediately, and the nature of the complaints inquired into, in most cases, causes were found to exist, and the owners attention called to remedy defective conditions. Others were found to be due to the neglect of the occupiers.

DRAIN TESTING.—Drains have been tested at all premises from which complaint has been received, and at houses where there have been cases of Infectious disease, and in this way many defects were revealed, which it would be impossible to observe by a casual inspection. The test has been applied to all new drains in course of construction

CONVERSION OF PRIVIES.—The work of privy conversion is still making satisfactory progress, 79 common privies have been converted to W.C's, 5 Waste Water closets converted to the fresh water type, and 4 Hopper W.C's have been substituted by pedestals. We have still many years of work to accomplish before we can hope to see the last of these insanitary conditions.

NUISANCES.—The following is a tabulated list of nuisances discovered and dealt with under the Public Health Act, and the Council's Bye-Laws.

Houses found in a dirty condition ...	...	...	5
,, an overcrowded condition ...	...	...	1
,, with dirty yard floors ...	...	...	15
,, ,, blocked W.C's ...	...	...	42
,, ,, drains ...	...	...	20
,, ,, defective drains ...	...	...	12
,, ,, foul and broken W.C's	...	...	10
,, ,, defective waste pipes	...	...	13
,, ,, flushing cistern ...	...	...	23
,, ,, ventilating shafts and spouting	...	...	12
,, ,, defective walls and floors ...	...	...	8
,, ,, gullies ...	...	...	5
,, ,, roofs ...	...	...	15
,, ,, flooded cellars ...	...	...	1
Nuisances arising from the keeping of fowls ...	..	..	4
Insufficient sanitary convenience ...	...	...	1
Offensive accumulations requiring removal ...	...	...	5
Animals kept so as to be a nuisance ...	...	...	3
Carcases requiring removal ...	...	...	5
Nuisances arising from the escape of coal gas	...	...	3
decomposing carcasses	...	...	2
Defective and insanitary privies and ash pits ...	...	...	30
No. of Ashpits emptied ...	...	...	9,388
,, loads of refuse removed ...	...	...	4,758
,, dust bins emptied ...	...	...	14,635
,, loads of refuse removed ...	...	...	463

INFECTIOUS DISEASES.—25 cases of infectious disease have been visited. These have occurred in all parts of the district, and are as follows:—Typhoid 3, Diphtheria 3, Scarlet Fever 19. Inquiries were made immediately on receipt of notification, the sanitary arrangements and the surrounding conditions carefully inspected, and every endeavour made to ascertain if possible the cause of outbreak.

Reports have been furnished to the Medical Officer, of the conditions found to exist, the milk and water supplies, schools attended, with the names and ages of all the children, means of adequate isolation if the patient was kept at home, and every precaution taken to prevent the disease spreading

Where insanitary conditions were found, notice was at once given to remedy the defects. All rooms in which the disease was present have been disinfected by fumigation, and in some cases the floor and walls have been sprayed. All articles of clothing and bedding are so arranged as to be exposed to the fumes as much as possible.

Liquid disinfectant and lime are given gratis at the Council's yard every morning.

The following are particulars of disinfection :—

Houses 6.	Rooms 28.
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SLAUGHTFR HOUSES.—413 visits have been made to the 9 private Slaughter houses in the district, for the purpose of inspecting carcases, etc., and also to note as to whether the Council's Bye-Laws, in regard to cleansing were being complied with. It should, however, be noted that 3 of these slaughter houses have taken up the greater portion of the inspections, owing to the frequency of slaughtering.

No very great reason has been found to complain of the way in which the slaughter houses have been kept, with the exception of my having in a few instances to call the occupiers attention to the need for limewashing which was in all cases carried out shortly after I had given intimation.

A little difficulty was experienced during the summer in getting the offal and garbage removed from the slaughter house in back Market Street, and it was not until the matter was reported to your Committee that any improvement was noted. The cause of the neglect was due to the occupier being ill at the time, the work was consequently left to boys.

The slaughter houses in back Cleator Street and Beckside Road were visited in September by the Medical Officer, when instructions were given by him to construct new midden steads, concrete floor of lairages and approaches, and cement the walls of slaughter houses.

The work has been completed at the Beckside Road slaughter house, and this is now in a very satisfactory condition. The occupier of the other informs me that the work has been put into the Contractor's hands, and hopes shortly to have it carried out.

The drainage from the slaughter house in back Sharp Street, Askam, was a source of annoyance in the early part of the year, owing to its continued blocking, and the sewage percolating through defective joints of the drain on to the surface of the surrounding ground.

The drain, on being examined, was found to have subsided somewhat about the centre of its length. Your Surveyor had the sewer raised, and inserted an inspection chamber in the line of drainage, which also serves a useful purpose in arresting any solids which might get into the drain. No trouble has been experienced since this work was done.

MEAT AND FOOD INSPECTION.—The following are particulars of meat and foods found diseased, unsound, and unfit for food :—

	lbs.
Meat ...	2,600
Offal ...	1,588
Fish ...	172
Fruit ...	67
	<hr/>
	4,427 lbs.
	<hr/>

DAIRIES AND COWSHEDS.—276 inspections have been made to the various Dairies and Cowsheds in the district. Some have been visited much more frequently than others, owing to the occupiers neglecting to keep the sheds clean. On many occasions their attention has been called to the insufficient cleansing of the dung channels, floors, walls and approaches.

Although Clean Milk circulars have been distributed (in some instances to many of the cowkeepers on two occasions), no very marked change has been noted in the conditions.

The sweeping of dung channels, floors and walls behind the cattle should be replaced by washing, as this makes them sweeter, and where this is practised the improvement in the appearance of the cowshed is readily seen, and in my opinion, could be done with very little more trouble than it would take to sweep them. It may be urged that this is impossible where the floor is constructed of cobbles and other rough material, but even in these cases I cannot see there would be any greater difficulty in washing, than there is in sweeping.

Many of the cowsheds are far from being satisfactory, but as your Council are about to consider the whole question, it is to be hoped that something tangible will be done to improve these places during the present year.

FACTORIES AND WORKSHOPS.—There are on the Register 55 Workshops in the district, to which 112 visits of inspection have been made. Notices have been given in 5 instances to limewash, and in one to provide additional ventilation.

Two new large brick bakehouses have been erected, and are now in occupation in Back Tudor Square and Chapel Street. These are a great improvement on the buildings previously used for this purpose, and are fitted with the most modern appliances.

The Workshops in Dalton were inspected in October, by H. M. Inspector, when his attention was called to the effluvia arising from the privies at workshop, in Fell Croft, and also to the absence of sanitary convenience for the workers at the bakehouse, in back Cleator Street.

Notices were issued by H. M. Inspector to your Council, to convert the privies into W.C.'s. at Fell Croft, and to provide a W.C. for the workshop in back Cleator Street. The owners have been notified, and promise to have the recommendations carried out.

There are 4 outworkers in the district, 3 in Dalton, and 1 in Askam. The premises have been inspected, and found to be kept in a good sanitary condition. All outworkers lists have been received.

OFFENSIVE TRADES.—There is only one trade in your district which comes under this heading, viz., the Tripe Boiling establishment in Butts Beck. The premises have been regularly inspected and found to be kept clean and in good condition. No complaints have been made.

I am, Gentlemen,

Yours obediently,

WILLIAM E. CAINE.

15th February, 1912.

Inspector.

Housing, Town Planning, Etc. Act, 1909.

The following is a tabulated list of premises inspected under the Housing Act (Inspection of District Regulations), showing No. and Name of Street, Directions of Local Authority, and the Result of Action.

NO. AND NAME OF STREET.	DIRECTIONS OF LOCAL AUTHORITY.	RESULT OF ACTION.	
139, Steel Street, Askam	1. Convert privy to W.C. 2. Cement external wall of food store 3. Provide gully for head of drain to receive water from down-spout 4. Examine and clear surface drain 5. Raise ashpit floor, concrete and roof over or provide dust-bin in lieu of ashpit	Nothing done.	Nothing done.
137, Steel Street, Askam	Directions similar to last	Nothing done.	do.
131, Steel Street, Askam	do.	do.	do.
129, Steel Street, Askam	do.	do.	do.
127, Steel Street, Askam	do.	do.	do.
119, Steel Street, Askam	1. Convert privy to W.C. 2. Disconnect down-spout from drain and provide gully 3. Raise floor of ashpit, concrete and roof over, or provide dust-bin in lieu of ashpit	1. Closet rebuilt and converted to W.C. 2. Dust-bin provided in lieu of ashpit 3. Yard floor repaired	

No. AND NAME OF STREET.

DIRECTIONS OF LOCAL AUTHORITY.

RESULT OF ACTION.

117, Steel Street, Askam	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Provide gully and drain to carry off surface water from yard 3. Ashpit similar 	<ol style="list-style-type: none"> 1. Closet rebuilt and converted to W.C. 2. Dust bin provided in lieu of ashpit 3. Earthenware gully and drain provided to carry surface water off yard 4. Down spouting disconnected from drain 	<ol style="list-style-type: none"> 1. Closet rebuilt and converted to W.C. 2. Ashpit wall rebuilt and floor raised above yard level 3. Ashpit uncovered 	<ol style="list-style-type: none"> 1. Closet rebuilt and converted to W.C. 2. Ashpit wall rebuilt and floor raised above ground level 3. Back wing of roof repaired 4. No cover provided for ashpit 	<ol style="list-style-type: none"> 1. Closet rebuilt and converted to W.C. 2. Roofs repaired and made water tight 3. Ashpit walls rebuilt 4. No cover provided for ashpit
71, Sharp Street, Askam	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Relay yard floor with tiles or cement flags 3. Disconnect down spout from drain and make to discharge over gully 	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Repair roof of back wing and make same water tight 3. Relay yard floor with cement flags 4. Disconnect down spout from drain 5. Lengthen waste pipe so as to discharge over gully 	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Repair roof of back wing 3. The orders for ashpit are all similar 	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Repair roof of back wing 3. Relay yard floor 4. Repair roof of back kitchen 5. Disconnect down spout from drain 6. Ashpit similar 	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Repair roof of back wing 3. Relay yard floor 4. Repair roof of back kitchen 5. Disconnect down spout from drain 6. Ashpit similar
73, Sharp Street, Askam	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Repair roof of back wing 3. Relay yard floor 4. Repair roof of back kitchen 5. Disconnect down spout from drain 6. Ashpit similar 	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Repair roof of back wing 3. Relay yard floor 4. Repair roof of back kitchen 5. Disconnect down spout from drain 6. Ashpit similar 	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Repair roof of back wing 3. Relay yard floor 4. Repair roof of back kitchen 5. Disconnect down spout from drain 6. Ashpit similar 	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Repair roof of back wing 3. Relay yard floor 4. Repair roof of back kitchen 5. Disconnect down spout from drain 6. Ashpit similar 	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Repair roof of back wing 3. Relay yard floor 4. Repair roof of back kitchen 5. Disconnect down spout from drain 6. Ashpit similar
75, Sharp Street, Askam	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Repair roof of back wing 3. Relay yard floor 4. Repair roof of back kitchen 5. Disconnect down spout from drain 6. Ashpit similar 	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Repair roof of back wing 3. Relay yard floor 4. Repair roof of back kitchen 5. Disconnect down spout from drain 6. Ashpit similar 	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Repair roof of back wing 3. Relay yard floor 4. Repair roof of back kitchen 5. Disconnect down spout from drain 6. Ashpit similar 	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Repair roof of back wing 3. Relay yard floor 4. Repair roof of back kitchen 5. Disconnect down spout from drain 6. Ashpit similar 	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Repair roof of back wing 3. Relay yard floor 4. Repair roof of back kitchen 5. Disconnect down spout from drain 6. Ashpit similar

No. AND NAME OF STREET.

DIRECTIONS OF LOCAL AUTHORITY.

RESULT OF ACTION.

31, Fell Croft, Dalton	<ol style="list-style-type: none"> 1. Take down and rebuild defective W.C. walls 2. Provide yard and W.C. door 3. Repair grid of slop sink gully 	House unoccupied.
2, Dunnerholme, Askam	<ol style="list-style-type: none"> 1. Raise the privy and provide a galvanised portable receptacle for excrement and ashes 	<ol style="list-style-type: none"> 1. Closet rebuilt 2. Portable galvanised receptable for excrement 3. Open ashpit abolished
4, Dunnerholme, Askam	<ol style="list-style-type: none"> 1. Build closet and provide with a portable galvanised receptacle for excrement 2. Concrete channel between tap and yard gully. 	<ol style="list-style-type: none"> 1. Closet provided and fitted with galvanised receptacle 2. Channel relaid with concrete
6, Dunnerholme,	<ol style="list-style-type: none"> 1. Construct dry area along gable end of house 	Not done.
8, Dunnerholme, Askam	<ol style="list-style-type: none"> 1. Remove earth and construct a dry area alongside and gable end of house 2. Raise the privy and provide galvanised receptable for excrement and ashes 	<ol style="list-style-type: none"> 1. Dry area not constructed 2. Closet rebuilt and fitted with receptable
9, Rawlinson Street, Dalton	<ol style="list-style-type: none"> 1. Convert privy to W.C. 2. Repair roof of back kitchen 3. Raise floor of Ashpit 	<ol style="list-style-type: none"> 1. Closet rebuilt and converted to W.C. 2. Back kitchen roof repaired. 3. Dust bin provided in lieu of ashpit 4. Eaves gutter and down spouting repaired

No. AND NAME OF STREET.

DIRECTIONS OF LOCAL AUTHORITY.

RESULT OF ACTION.

49, Queen Street, Dalton	1. Relay defective portion of yard floor	1. Yard floor. Nothing done.
	2. Take down and rebuild defective wall of W.C.	2. W.C. walls rebuilt and pointed
65, Beach Street, Askam	1. Convert privy to W.C. 2. Relay yard floor 3. Raise ashpit floor, concrete and roof over, or provide dust-bin in lieu of ashpit	3. Chimney stack at rear taken down and rebuilt and pointed with cement Nothing done
32, Cobden Street, Dalton	1. Convert privy to W.C. 2. Raise floor of ashpit, etc.	1. Closet rebuilt and converted to W.C. 2. Back kitchen roof raised 2 ft. and reslated
24, Prince Street, Dalton	3. Take down and rebuild defective yard wall	3. Dust-bin provided 4. Yard wall taken down and rebuilt
112, Steel Street, Askam	1. Convert privy to W.C. 2. Repair roof and floor of wash-house and yard floor round gully 3. Provide sufficient waste pipe for slopstone	1. Privy converted to W.C. 2. Wash-house re-roofed and floor relaid 3. Yard floor repaired 4. Sufficient slop pipe provided
	1. Convert Privy to W.C. 2. Relay yard floor 3. Raise ashpit floor, etc.	1. Closet rebuilt and converted to W.C. 2. Wash-house rebuilt 3. Spouting repaired 4. Yard floor relaid 5. Ashpit floor raised, concreted and roofed

NO. AND NAME OF STREET.

DIRECTIONS OF LOCAL AUTHORITY.

RESULT OF ACTION.

114, Steel Street, Askam	1. Convert privy to W.C. 2. Ashpits, etc.	1. Privy converted to W.C. 2. Wash-house re-built 3. Yard floor repaired 4. Ashpit floor raised, concreted and roofed over
2, Back Market Street, Dalton	1. Provide additional W.C., joint with this house and Nos. 2A & 3 2. Casement windows to be replaced by sash windows	Nothing done
2A, Back Market Street, Dalton	1. Casement windows to be replaced by sash windows	Nothing done
3, Back Market Street, Dalton	1. Casement windows to be replaced by sash windows 2. Repair yard floor	Nothing done